



2631 #5

Patent  
270/052

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Slim Souissi, et al.

Serial No.: 10/028,080

Filed: December 21, 2001

For: SYSTEMS AND METHODS FOR A  
MULTI-MODE WIRELESS MODEM

Group Art Unit: 2631

Examiner: To Be Determined

RECEIVED

MAR 29 2002

Technology Center 2600

TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed herewith for filing in the above matter are: 1) Information Disclosure Statement;  
2) PTO Form 1449; 3) seven (7) references; and 4) Return Postcard.

No fees are believed to be due. However, if Applicant is in error, the Commissioner is  
authorized to charge any fees required by the filing of these papers to Lyon & Lyon's Deposit  
Account No. 12-2475.

Respectfully submitted,

LYON & LYON LLP

Dated:

3/15/2001  
633 W. Fifth Street, Suite 4700  
Los Angeles, CA 90071  
(858) 552-8400

By:

Ronald M. Lycan  
Ronald M. Lycan  
Reg. No. 50,779

SD-171052.1

CERTIFICATE OF MAILING

(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the  
United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope  
addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 15, 2002  
Date of Deposit

Line Gauthier

Name of Person Mailing Paper

Line Gauthier  
Signature of Person Mailing Paper

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Slim Souissi, et al.

Serial No.: 10/028,080

Filed: December 21, 2001

For: SYSTEMS AND METHODS FOR A  
MULTI-MODE WIRELESS MODEM



Group Art Unit: 2631

Examiner: To Be Determined

**RECEIVED**  
MAR 29 2002  
Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

SD-171052.1

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

*March 15, 2002*

Date of Deposit

Line Gauthier

Name of Person Mailing Paper

*Line Gauthier*

Signature of Person Mailing Paper



Patent  
270/052

**INFORMATION DISCLOSURE STATEMENT FILING PROVISION:**

☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☒ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

**PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:**

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. 12-2475.

Respectfully submitted,  
LYON & LYON LLP

Dated: 3/15/2002

By: Ronald M. Lycan  
Ronald M. Lycan  
Reg. No. 50,779



22249

LYON & LYON LLP  
633 W. Fifth Street,  
Suite 4700  
Los Angeles, CA  
90071

**RECEIVED**  
MAR 29 2002  
Technology Center 2600

<b>FORM PTO-1449</b>		<b>ATTY. DOCKET NO.</b> 270/052	<b>SERIAL NO.</b> 10/028,080
<b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)		<b>APPLICANT:</b> Slim Souissi et al.	
		<b>FILING DATE:</b> December 21, 2001	<b>GROUP:</b> 2631

**U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	6,282,086 B1	08/28/01	Loh et al.	361	684	01/25/00
	AB	6,132,223	10/17/00	Seeley et al.	439	76.1	08/09/99

**FOREIGN PATENT DOCUMENTS**

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES N NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

	AC	Andelman, D. and Strupinsky, A., "Have WLANs Come Of Age?," <u>Wireless Systems Design</u> , July 2001, 37-40
	AD	"Market Engineering Research for the Wireless Home Networking Market 1998-2005," #5547-74, Frost & Sullivan (1999), www.frost.com, 8:1-33
	AE	Conover, J., "Mobile & Wireless Technology, 802.11a: Making Space for Speed Workshop," January 8, 2001; <a href="http://www.networkcomputing.com/1201/1201ws1.html">http://www.networkcomputing.com/1201/1201ws1.html</a> , pp. 1-5 (visited 11/21/2001)
	AF	"New Compaq 'MultiPort' Technology Delivers Integrated Wireless Connectivity to Mobile PC Users," <a href="http://www.compaq.com/newsroom/pr/2000/pr2000120501.html">http://www.compaq.com/newsroom/pr/2000/pr2000120501.html</a> , pp. 1-3 (visited 11/21/2001)
	AG	"Proxim White Paper, 802.11a: A Very-High-Speed, Highly Scalable Wireless LAN Standard," <a href="http://www.proxim.com/learn/library/whitepapers/wp2001-09-highspeed.html">http://www.proxim.com/learn/library/whitepapers/wp2001-09-highspeed.html</a> , pp. 1-5 (visited 11/21/2001)

**RECEIVED**  
MAR 29 2002  
Technology Center 2600

<b>EXAMINER:</b> To Be Determined	<b>DATE CONSIDERED:</b>
EXAMINER: Please initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. Thank you,	